Air3G

Long Range Wireless-N 3G/Broadband PoE Router

High Power | 150N | 2.0 USB | Multiple SSID | PoE

AP | Client | Bridge | Repeater | Green AP

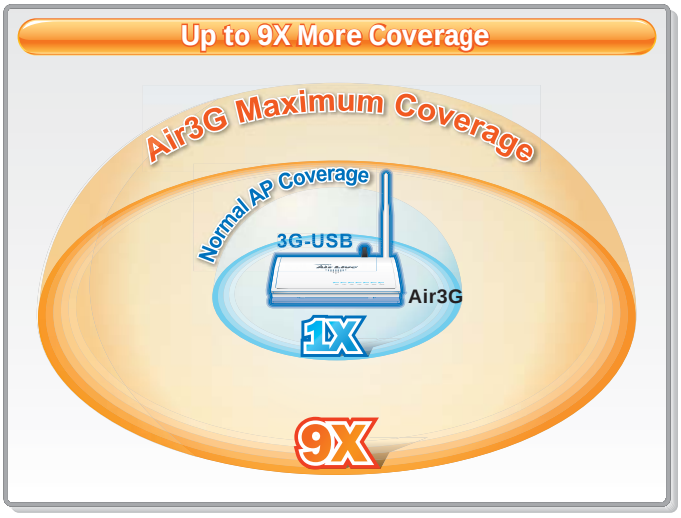
The Air3G is the latest AirLive AP router that follows the principles of maximization. It starts with earth shattering 1Watt output power* that enables the AP to cover up to area of 1km in diameter. It is equipped with both USB and WAN port to share 3G, ADSL, and cable modem Internet connections. Hotspot authentication function is provided for those who want to resell the Internet bandwidth. The passive PoE port allows installation of the Air3G far away from power source.

Air3G vs. Normal 3G Router

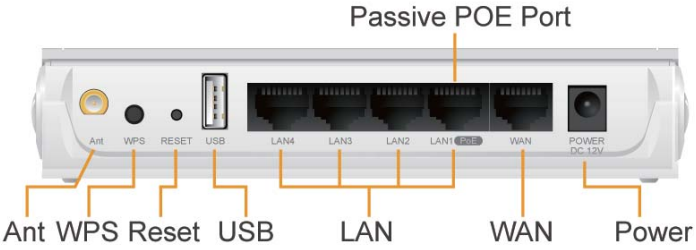
	Air3G	Normal 3G Router
Max. 11n Output Power *	27dBm	15dBm
Max. 11g/b Output Power *	30dBm	20dBm
WAN/3G Auto Backup	Yes	No
5 Wireless Multi-mode	Yes	No
PoE Port	Yes	No
Green AP Function	Yes	No
Hotspot authentication	Yes	No

*Limited to 20dBm in EU, 23dBm in U.S.

1 AP Equals 9



The Air3G is the first Wireless-N 3G router to provide 1Watt* output power. That means it can cover up to 9 times the area comparing with normal powered solutions. The Wireless-b/g/n radio can run at up to 150Mbps speed which is 3X faster than 11g solutions.



Manufacturer
OvisLink Corp.
5F, No.96, Min-ChuanRd, Hsin-tien City, Taipei, Taiwan

www.airlive.com

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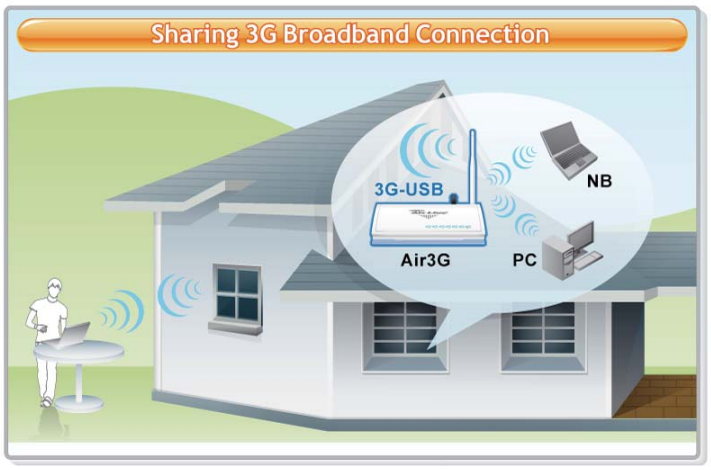
Ultimate 3G and Broadband Sharing



The Air3G comes with USB 2.0 port for sharing the Internet connection of 3G USB dongles. In addition, a WAN port is provided for sharing ADSL or Cable Modem connection. The remarkable WAN and 3G auto backup function will auto switch between WAN or 3G when one of the connections failed. This ensures uninterrupted Internet service for your home or office. Wireless Multi-mode functions can turn your Air3G instantly into AP, Wireless Client, Wireless Bridge, or Wireless Repeater.

Hotspot Authentication

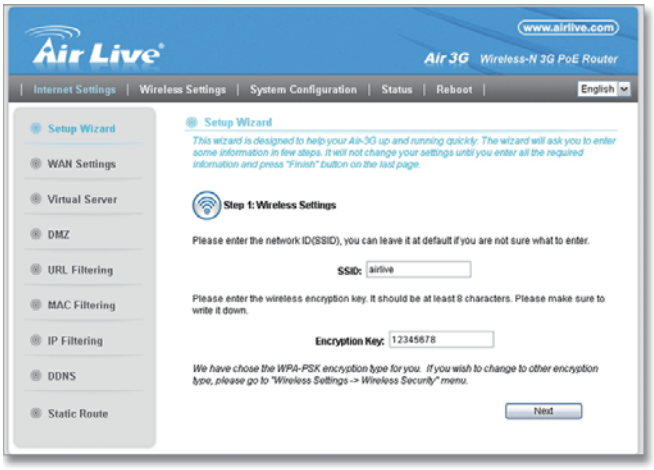
Hotspot Authentication!

The Air3G can turn into a simple Hotspot Gateway instantly. The Hotspot Authentication controls the Internet Access by username and password. It is perfect for Hotel, coffee shops, restaurant, or just to sell Internet Service to your neighbors. The high-power Wireless-b/g/n radio means you can provide service to much greater area and faster speed.

Crystal Synergy Design

Take one look at the Air3G and you will indulge yourself in its stylish design. The Air3G uses AirLive's latest Crystal Synergy design statement. It combines the elements of transparency, suspension, and kinetic movement to form the breathtaking gravity defying style. It is not only beautiful to look at but also provides the maximum amount of cooling surface. At AirLive, we believe our products should complement your interior design and stands out as a piece of art decor. The Crystal Synergy statement is a pinnacle achievement to that goal.

AirLogic System Architecture


Air Live
www.airlive.com
Air 3G Wireless-N 3G PoE Router
Internet Settings | Wireless Settings | System Configuration | Status | Reboot
English
Setup Wizard
WAN Settings
Virtual Server
DMZ
URL Filtering
MAC Filtering
IP Filtering
DDNS
Static Route
Setup Wizard
This wizard is designed to help your Air-3G up and running quickly. The wizard will ask you to enter some information in few steps. It will not change your settings until you enter all the required information and press "Finish" button on the last page.
Step 1: Wireless Settings
Please enter the network ID(SSID), you can leave it at default if you are not sure what to enter.
SSID: airlive
Please enter the wireless encryption key. It should be at least 8 characters. Please make sure to write it down.
Encryption Key: 12345678
We have chose the WPA-PSK encryption type for you. If you wish to change to other encryption type, please go to "Wireless Settings -> Wireless Security" menu.
Next

The Air3G software system is built upon the new AirLogic software architecture. The under laying system core is our legendary wireless engine that offers superior performance and rich set of functions. It features firmware recovery system, multi-operation wireless mode, Virtual AP function, bandwidth control, and over 100 other features that make AirLive wireless products famous in the industry. The AirLogic Web Interface integrates all these powerful functions into an extremely easy to use multi-language interface that can change language instantly at any page.

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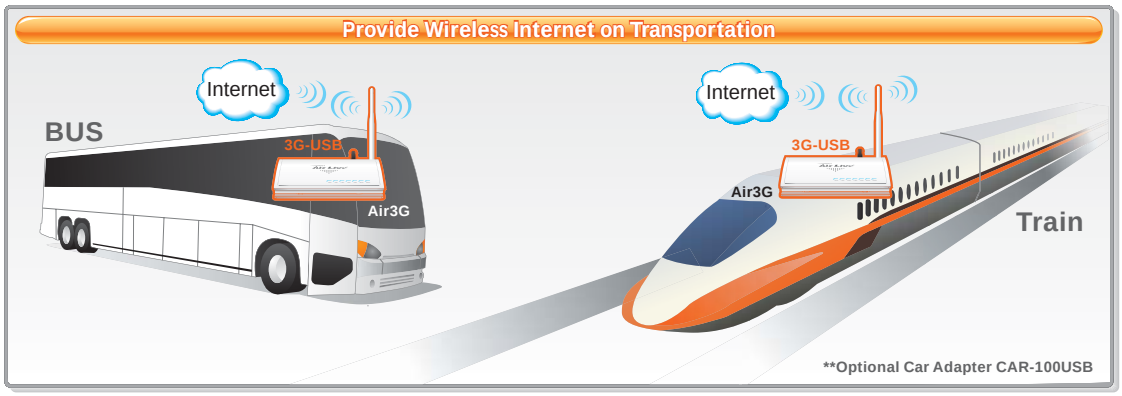
Internet Service on Transportation

With growing need to provide Internet service on public transportation, the Air3G is a perfect device for such purpose. With the optional CAR-100DC car adapter, you can easily provide Internet service on the car, bus, or train.



Green AP Function

At AirLive, we are conscious about our responsibility as a member of the beloved Planet Earth. That's why the Air3G is equipped with Green AP function to conserve the energy and enable users to set the schedule of the wireless service.

AirLive maximizes the value of Air3G in terms of wireless coverage, functions, and design. It is designed from ground up to be the perfect Internet sharing device.

*Powered limited to 20dBm in EU and 23dBm in the U.S.

3G USB Dongle Support List:

This product does not come with 3G modem. It works with 3G USB dongle. If you do not find your 3G USB dongle on the support list, please visit www.airlive.com for the latest compatibility list.

Model Name	Model Name	Model Name	Model Name
ZTE 626.	Huawei E230	Huawei K3565	BES WM61
ZTE K3565Z	Huawei E270	MU-Q101	DWM-156
PHS-100	Huawei E280	Sony Ericsson M400	MD300
PHS-300	Huawei E630	Qisda H21	CSL U2-TF
Sierra Wireless Compass 888	Huawei E1550	C120	Nocatel 930D
Huawei E160	Huawei E1692	C170	Techfaith B-mobile packet modem
Huawei E160E	Huawei E1750	C179	Quanta MU-Q110
Huawei E169	Huawei E1752	C270	Quanta MU-Q111
Huawei E170	Huawei E1762	Huawei E156G	
Huawei E176G	Huawei E1820	Huawei E150	
Huawei E220	Huawei K3520	Longcheer WM66	

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Specifications

Hardware Feature
- 150N 1T1R 11b/g/n Radio
- Up to 30dBm Output Power (20dBm in EU, 23dBm in the U.S.)
- 8MB Flash, 32MB SDRAM
- 1x USB 2.0 Port
- Hotspot authentication function
- 4 x 10/100 Mbps Ethernet Port with Auto MDI/MDI-X support
- 12V Passive PoE Port (LAN1)
- WAN Port
- 7 LED indicators
- Wall Mount Screw Holes
- Reset Button
- WPS Push Button

Antennas
- 1 x R-SMA antenna connectors
- 1 x 5dBi dipole antenna

Frequency Band
- USA (FCC) 11 Channels: 2.412GHz~2.462GHz
- Europe (ETSI) 13 Channels : 2.412GHz~2.472GHz
- South America: 14 Channels : 2.412GHz~2.472GHz

Data Rate
- 802.11n
  - 20 MHz BW(LGI): 65, 58.5, 52, 39, 26, 19.5, 13, 6.5
  - 40 MHz BW(LGI): 135, 121.5, 108, 81, 54, 40.5, 27, 13.5
  - 20 MHz BW(SGI): 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2
  - 40 MHz BW(SGI): 150, 135, 120, 90, 60, 45, 30, 15
- 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps
- 802.11b: 11, 5.5, 2 and 1 Mbps

Modulation
- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM
- 802.11g: OFDM
- 802.11b: CCK,QPSK,BPSK

TX Output Power
- ETSI(Europe)
  - 802.11b : About 20dBm max
  - 802.11g : About 20dBm max
  - 802.11n : About 19dBm max
- FCC(The United States)
  - 802.11b : About 23dBm max
  - 802.11g : About 23dBm max
  - 802.11n : About 22dBm max
- South America
  - 802.11b : About 30dBm max
  - 802.11g : About 29dBm max
  - 802.11n : About 27dBm max

Receiver Sensitivity
- 802.11b 11Mbps ≦ -90dBm
- 802.11g 54Mbps ≦ -73dBm
- 802.11n HT20 MCS7 ≦ -70dBm
- 802.11n HT40 MCS7 ≦ -67dBm

Operation Modes
- 3G Broadband Router Mode
- AP Mode
- Client Mode
- WDS Repeater Mode
- WDS Bridge Mode

Advance Functions
- Setup Wizard
- WPS Support
- WAN and 3G Auto Connection Bakcup
- Multiple SSID Virtual AP functions
- Bandwidth Control / Traffic Shaping
- Hotspot Authentication: 40 accounts and 20 concurrent users
- 3G/3.5G/UMITS/HSDPA/CDMA-2000 Support
- WPA with PSK /AES support ,WPA2 support
- Privacy Separator support
- Hide SSID Support
- Support adjustable output power
- Bootloader Protection and Emergency Firmware Upload Code
- Radius Supported

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- Up to 40 Static DHCP entries
- Static Route, Virtual Server, URL Filter, Firewall
- Green AP Energy Saving feature
- Firmware upgrade and configuration backup via Web
- Configuration Backup and Restore

Dimensions and Weight
- Dimension: 154 x 130 x 316 mm
- AP Unit Weight(Approximate): 280g
- Package Weight(Approximate): 686g

Power Supply
- Input: 100~240Vac/50~60Hz
- Output: DC 12V/1A

- 12V Passive PoE Port (DC Injector not included)

Certification
- CE
- FCC

Environment
- Operating temperature: 0~50˚C
- Operating humidity (non-condensing): 20~80%
- Storage temperature: -20~65˚C
- Storage humidity: 95% Max

Ordering Information:

AirLive Air3G Long Range Wireless-b/g/n 3G Broadband PoE Router

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